

## Abstract of the Disclosure

The present invention provides an interface device using a function of switch that can execute various applications in a mobile terminal by multi-switching USB\_D+ and USB\_D-, or RS232C data line to an external interface; and, particularly, that can make the mobile terminal used as a PC camera. A universal serial bus (USB) interface device using function of switch includes a dual interface unit for multi-switching data according to a microcontroller unit (MCU) selection signal and a digital signal processor (DSP) selection signal; an image processing unit for digitalizing the image data; a signal processing unit for activating the MCU selection signal or the DSP selection signal, and processing the data; and a memory unit for saving the data according to control of the image processing unit or the signal processing unit.

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